Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 25 Jan 2023 until 23:59 on Thursday 26 Jan 2023

Forecast Issued on Wednesday 25 Jan 2023 at 03:22

Confidence: High confidence in the general weather trends, with conditions remaining largely settled but with variable amounts of cloud, occasionally obscuring tops. Main source of uncertainty is the extent of poorer visibilities at all levels, but especially any mist and freezing fog in valleys. Confidence is also low for the timing and extent of any rain on Saturday.

Headline for Wednesday 25 Jan 2023: Rain, drizzle, mist and fog. Drier, and clearer in the evening.

Mountain weather hazards on Wednesday 25 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG				
Fog	Fog	Light rain	Cloudy	Clear night	Clear night
Precipitation probability					
30%	40%	60%	30%	10%	<05%

Forecast for Wednesday 25 Jan 2023

Weather: Cloudy start with mist, fog and some rain or drizzle, although cloud likely thinning at times around summit level. Rain turning more persistent around the middle of the day, before drier and clearer conditions move in from the north late in the afternoon or early evening.

Chance of cloud-free hill tops above 600m: 20%, rising near 100% in the evening.

Low cloud and visibility: Extensive cloud around 500m, but down to 200m at times during the morning, gradually lifting and breaking to be above the summits during the afternoon. Visibility moderate to very poor at first, but becoming very good by the evening as cloud lifts.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 25 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/22 SW	20/25 SW	21/28 W	17/23 NW	14/22 NW	12/19 NW	12/22 N
300	8/11 SW	11/15 SW	14/20 W	13/19 NW	10/18 NW	9/14 W	7/14 NW
Valley	2/10 SW	5/13 SW	9/20 W	9/20 NW	7/18 NW	4/12 NW	5/14 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	4/-1	5/-1	4/-1	2/-3	1/-4	0/-4
300	5/2	6/2	6/3	6/3	5/1	3/-1	2/-1
Valley	4/3	5/4	7/4	7/4	4/2	2/0	1/-1
Freezing Level*	2100m	2000m	1700m	1100m	800m	800m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Early conditions will require good navigation skills, with widespread poor visibility at even modest heights. Warm, waterproof layers also needed with rain spreading south. Some views to be had, however, once afternoon rain clears.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 25 Jan 2023	0.6mm	0.8mm	1.6mm

Forecast for Thursday 26 Jan 2023

Weather: Clear spells overnight, with frost. A mainly dry day follows, with spells of winter sunshine, but perhaps the odd light shower too. Dry in the evening with ground freezing again, and the chance of freezing fog in the valleys.

Maximum wind: Northerly 25mph gusting 30mph, easing to 15-20 mph by the afternoon.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Any cloud will be largely above the summits, although the odd patch is possible around 600m with any showers. Visibility will be very good for much of the day, but falling to moderate to poor in any showers.

Temperature: **Valleys:** Zero Celsius rising to Plus 8 Celsius.
At 600m: Minus 2 Celsius
Freezing level: Above the summits, however valley frost early morning and returning after dark.

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